

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/764,886

DATE: 07/05/2001

TIME: 09:47:03

Input Set : D:\PTZ02_seqList.txt

Output Set: N:\CRF3\07052001\I764886.raw

1 <110> APPLICANT: Rosen et al.
3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
5 <130> FILE REFERENCE: PTZ02
C--> 7 <140> CURRENT APPLICATION NUMBER: US/09/764,886
C--> 7 <141> CURRENT FILING DATE: 2001-01-17
7 <150> PRIOR APPLICATION NUMBER: 60/179,065
8 <151> PRIOR FILING DATE: 2000-01-31
10 <150> PRIOR APPLICATION NUMBER: 60/180,628
11 <151> PRIOR FILING DATE: 2000-02-04
13 <150> PRIOR APPLICATION NUMBER: 60/214,886
14 <151> PRIOR FILING DATE: 2000-06-28
16 <150> PRIOR APPLICATION NUMBER: 60/217,487
17 <151> PRIOR FILING DATE: 2000-07-11
19 <150> PRIOR APPLICATION NUMBER: 60/225,758
20 <151> PRIOR FILING DATE: 2000-08-14
22 <150> PRIOR APPLICATION NUMBER: 60/220,963
23 <151> PRIOR FILING DATE: 2000-07-26
25 <150> PRIOR APPLICATION NUMBER: 60/217,496
26 <151> PRIOR FILING DATE: 2000-07-11
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29 <151> PRIOR FILING DATE: 2000-08-14
31 <150> PRIOR APPLICATION NUMBER: 60/218,290
32 <151> PRIOR FILING DATE: 2000-07-14
34 <150> PRIOR APPLICATION NUMBER: 60/225,757
35 <151> PRIOR FILING DATE: 2000-08-14
37 <150> PRIOR APPLICATION NUMBER: 60/226,868
38 <151> PRIOR FILING DATE: 2000-08-22
40 <150> PRIOR APPLICATION NUMBER: 60/216,647
41 <151> PRIOR FILING DATE: 2000-07-07
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47 <151> PRIOR FILING DATE: 2000-07-07
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52 <150> PRIOR APPLICATION NUMBER: 60/251,869
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56 <151> PRIOR FILING DATE: 2000-09-27
58 <150> PRIOR APPLICATION NUMBER: 60/234,274
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61 <150> PRIOR APPLICATION NUMBER: 60/234,223
62 <151> PRIOR FILING DATE: 2000-09-21
64 <150> PRIOR APPLICATION NUMBER: 60/228,924
65 <151> PRIOR FILING DATE: 2000-08-30
67 <150> PRIOR APPLICATION NUMBER: 60/224,518
68 <151> PRIOR FILING DATE: 2000-08-14

ENTERED

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Input Set : D:\PTZ02_seqList.txt

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70 <150> PRIOR APPLICATION NUMBER: 60/236,369
71 <151> PRIOR FILING DATE: 2000-09-29
73 <150> PRIOR APPLICATION NUMBER: 60/224,519
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76 <150> PRIOR APPLICATION NUMBER: 60/220,964
77 <151> PRIOR FILING DATE: 2000-07-26
79 <150> PRIOR APPLICATION NUMBER: 60/241,809
80 <151> PRIOR FILING DATE: 2000-10-20
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83 <151> PRIOR FILING DATE: 2000-11-17
85 <150> PRIOR APPLICATION NUMBER: 60/236,327
86 <151> PRIOR FILING DATE: 2000-09-29
88 <150> PRIOR APPLICATION NUMBER: 60/241,785
89 <151> PRIOR FILING DATE: 2000-10-20
91 <150> PRIOR APPLICATION NUMBER: 60/244,617
92 <151> PRIOR FILING DATE: 2000-11-01
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104 <151> PRIOR FILING DATE: 2000-12-08
106 <150> PRIOR APPLICATION NUMBER: 60/229,344
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110 <151> PRIOR FILING DATE: 2000-09-25
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113 <151> PRIOR FILING DATE: 2000-09-01
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116 <151> PRIOR FILING DATE: 2000-09-01
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119 <151> PRIOR FILING DATE: 2000-09-01
121 <150> PRIOR APPLICATION NUMBER: 60/229,513
122 <151> PRIOR FILING DATE: 2000-09-05
124 <150> PRIOR APPLICATION NUMBER: 60/231,413
125 <151> PRIOR FILING DATE: 2000-09-08
127 <150> PRIOR APPLICATION NUMBER: 60/229,509
128 <151> PRIOR FILING DATE: 2000-09-05
130 <150> PRIOR APPLICATION NUMBER: 60/236,367
131 <151> PRIOR FILING DATE: 2000-09-29
133 <150> PRIOR APPLICATION NUMBER: 60/237,039
134 <151> PRIOR FILING DATE: 2000-10-02
136 <150> PRIOR APPLICATION NUMBER: 60/237,038
137 <151> PRIOR FILING DATE: 2000-10-02
139 <150> PRIOR APPLICATION NUMBER: 60/236,370
140 <151> PRIOR FILING DATE: 2000-09-29
142 <150> PRIOR APPLICATION NUMBER: 60/236,802

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Input Set : D:\PTZ02_seqList.txt

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143 <151> PRIOR FILING DATE: 2000-10-02
145 <150> PRIOR APPLICATION NUMBER: 60/237,037
146 <151> PRIOR FILING DATE: 2000-10-02
148 <150> PRIOR APPLICATION NUMBER: 60/237,040
149 <151> PRIOR FILING DATE: 2000-10-02
151 <150> PRIOR APPLICATION NUMBER: 60/240,960
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155 <151> PRIOR FILING DATE: 2000-10-13
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158 <151> PRIOR FILING DATE: 2000-10-13
160 <150> PRIOR APPLICATION NUMBER: 60/241,787
161 <151> PRIOR FILING DATE: 2000-10-20
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164 <151> PRIOR FILING DATE: 2000-11-08
166 <150> PRIOR APPLICATION NUMBER: 60/246,532
167 <151> PRIOR FILING DATE: 2000-11-08
169 <150> PRIOR APPLICATION NUMBER: 60/249,216
170 <151> PRIOR FILING DATE: 2000-11-17
172 <150> PRIOR APPLICATION NUMBER: 60/249,210
173 <151> PRIOR FILING DATE: 2000-11-17
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176 <151> PRIOR FILING DATE: 2000-08-22
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181 <150> PRIOR APPLICATION NUMBER: 60/225,213
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184 <150> PRIOR APPLICATION NUMBER: 60/227,182
185 <151> PRIOR FILING DATE: 2000-08-22
187 <150> PRIOR APPLICATION NUMBER: 60/225,214
188 <151> PRIOR FILING DATE: 2000-08-14
190 <150> PRIOR APPLICATION NUMBER: 60/235,836
191 <151> PRIOR FILING DATE: 2000-09-27
193 <150> PRIOR APPLICATION NUMBER: 60/230,438
194 <151> PRIOR FILING DATE: 2000-09-06
196 <150> PRIOR APPLICATION NUMBER: 60/215,135
197 <151> PRIOR FILING DATE: 2000-06-30
199 <150> PRIOR APPLICATION NUMBER: 60/225,266
200 <151> PRIOR FILING DATE: 2000-08-14
202 <150> PRIOR APPLICATION NUMBER: 60/249,218
203 <151> PRIOR FILING DATE: 2000-11-17
205 <150> PRIOR APPLICATION NUMBER: 60/249,208
206 <151> PRIOR FILING DATE: 2000-11-17
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209 <151> PRIOR FILING DATE: 2000-11-17
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212 <151> PRIOR FILING DATE: 2000-11-17
214 <150> PRIOR APPLICATION NUMBER: 60/249,207
215 <151> PRIOR FILING DATE: 2000-11-17

RAW SEQUENCE LISTING

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Input Set : D:\PT202_seqList.txt

Output Set: N:\CRF3\07052001\I764886.raw

217 <150> PRIOR APPLICATION NUMBER: 60/249,245
218 <151> PRIOR FILING DATE: 2000-11-17
220 <150> PRIOR APPLICATION NUMBER: 60/249,244
221 <151> PRIOR FILING DATE: 2000-11-17
223 <150> PRIOR APPLICATION NUMBER: 60/249,217
224 <151> PRIOR FILING DATE: 2000-11-17
226 <150> PRIOR APPLICATION NUMBER: 60/249,211
227 <151> PRIOR FILING DATE: 2000-11-17
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230 <151> PRIOR FILING DATE: 2000-11-17
232 <150> PRIOR APPLICATION NUMBER: 60/249,264
233 <151> PRIOR FILING DATE: 2000-11-17
235 <150> PRIOR APPLICATION NUMBER: 60/249,214
236 <151> PRIOR FILING DATE: 2000-11-17
238 <150> PRIOR APPLICATION NUMBER: 60/249,297
239 <151> PRIOR FILING DATE: 2000-11-17
241 <150> PRIOR APPLICATION NUMBER: 60/232,400
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244 <150> PRIOR APPLICATION NUMBER: 60/231,242
245 <151> PRIOR FILING DATE: 2000-09-08
247 <150> PRIOR APPLICATION NUMBER: 60/232,081
248 <151> PRIOR FILING DATE: 2000-09-08
250 <150> PRIOR APPLICATION NUMBER: 60/232,080
251 <151> PRIOR FILING DATE: 2000-09-08
253 <150> PRIOR APPLICATION NUMBER: 60/231,414
254 <151> PRIOR FILING DATE: 2000-09-08
256 <150> PRIOR APPLICATION NUMBER: 60/231,244
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272 <151> PRIOR FILING DATE: 2000-09-14
274 <150> PRIOR APPLICATION NUMBER: 60/241,808
275 <151> PRIOR FILING DATE: 2000-10-20
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278 <151> PRIOR FILING DATE: 2000-10-20
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283 <150> PRIOR APPLICATION NUMBER: 60/241,221
284 <151> PRIOR FILING DATE: 2000-10-20
286 <150> PRIOR APPLICATION NUMBER: 60/246,475
287 <151> PRIOR FILING DATE: 2000-11-08
289 <150> PRIOR APPLICATION NUMBER: 60/231,243


RAW SEQUENCE LISTING
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Input Set : D:\PTZ02_seqList.txt
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290 <151> PRIOR FILING DATE: 2000-09-08
292 <150> PRIOR APPLICATION NUMBER: 60/233,065
293 <151> PRIOR FILING DATE: 2000-09-14
295 <150> PRIOR APPLICATION NUMBER: 60/232,398
296 <151> PRIOR FILING DATE: 2000-09-14
298 <150> PRIOR APPLICATION NUMBER: 60/234,998
299 <151> PRIOR FILING DATE: 2000-09-25
301 <150> PRIOR APPLICATION NUMBER: 60/246,477
302 <151> PRIOR FILING DATE: 2000-11-08
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305 <151> PRIOR FILING DATE: 2000-11-08
307 <150> PRIOR APPLICATION NUMBER: 60/246,525
308 <151> PRIOR FILING DATE: 2000-11-08
310 <150> PRIOR APPLICATION NUMBER: 60/246,476
311 <151> PRIOR FILING DATE: 2000-11-08
313 <150> PRIOR APPLICATION NUMBER: 60/246,526
314 <151> PRIOR FILING DATE: 2000-11-08
316 <150> PRIOR APPLICATION NUMBER: 60/249,209
317 <151> PRIOR FILING DATE: 2000-11-17
319 <150> PRIOR APPLICATION NUMBER: 60/246,527
320 <151> PRIOR FILING DATE: 2000-11-08
322 <150> PRIOR APPLICATION NUMBER: 60/246,523
323 <151> PRIOR FILING DATE: 2000-11-08
325 <150> PRIOR APPLICATION NUMBER: 60/246,524
326 <151> PRIOR FILING DATE: 2000-11-08
328 <150> PRIOR APPLICATION NUMBER: 60/246,478
329 <151> PRIOR FILING DATE: 2000-11-08
331 <150> PRIOR APPLICATION NUMBER: 60/246,609
332 <151> PRIOR FILING DATE: 2000-11-08
334 <150> PRIOR APPLICATION NUMBER: 60/246,613
335 <151> PRIOR FILING DATE: 2000-11-08
337 <150> PRIOR APPLICATION NUMBER: 60/249,300
338 <151> PRIOR FILING DATE: 2000-11-17
340 <150> PRIOR APPLICATION NUMBER: 60/249,265
341 <151> PRIOR FILING DATE: 2000-11-17
343 <150> PRIOR APPLICATION NUMBER: 60/246,610
344 <151> PRIOR FILING DATE: 2000-11-08
346 <150> PRIOR APPLICATION NUMBER: 60/246,611
347 <151> PRIOR FILING DATE: 2000-11-08
349 <150> PRIOR APPLICATION NUMBER: 60/230,437
350 <151> PRIOR FILING DATE: 2000-09-06
352 <150> PRIOR APPLICATION NUMBER: 60/251,990
353 <151> PRIOR FILING DATE: 2000-12-08
355 <150> PRIOR APPLICATION NUMBER: 60/251,988
356 <151> PRIOR FILING DATE: 2000-12-05
358 <150> PRIOR APPLICATION NUMBER: 60/251,030
359 <151> PRIOR FILING DATE: 2000-12-05
361 <150> PRIOR APPLICATION NUMBER: 60/251,479
362 <151> PRIOR FILING DATE: 2000-12-06

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.



VERIFICATION SUMMARY

DATE: 07/05/2001

PATENT APPLICATION: US/09/764,886

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Input Set : D:\PTZ02_seqList.txt

Output Set: N:\CRF3\07052001\I764886.raw

L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:367 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:376 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:1072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

VERIFICATION SUMMARY

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Input Set : D:\PT202_seqList.txt

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L:2198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:2261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:2370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57